

**M 5.7, 43 km SE of Hengchun, Taiwan**

Origin Time: 2022-04-07 23:36:10 UTC (Fri 07:36:10 local)  
Location: 21.7044° N 121.0172° E Depth: 10.0 km

**PAGER  
Version 4**

Created: 1 day, 0 hours after earthquake

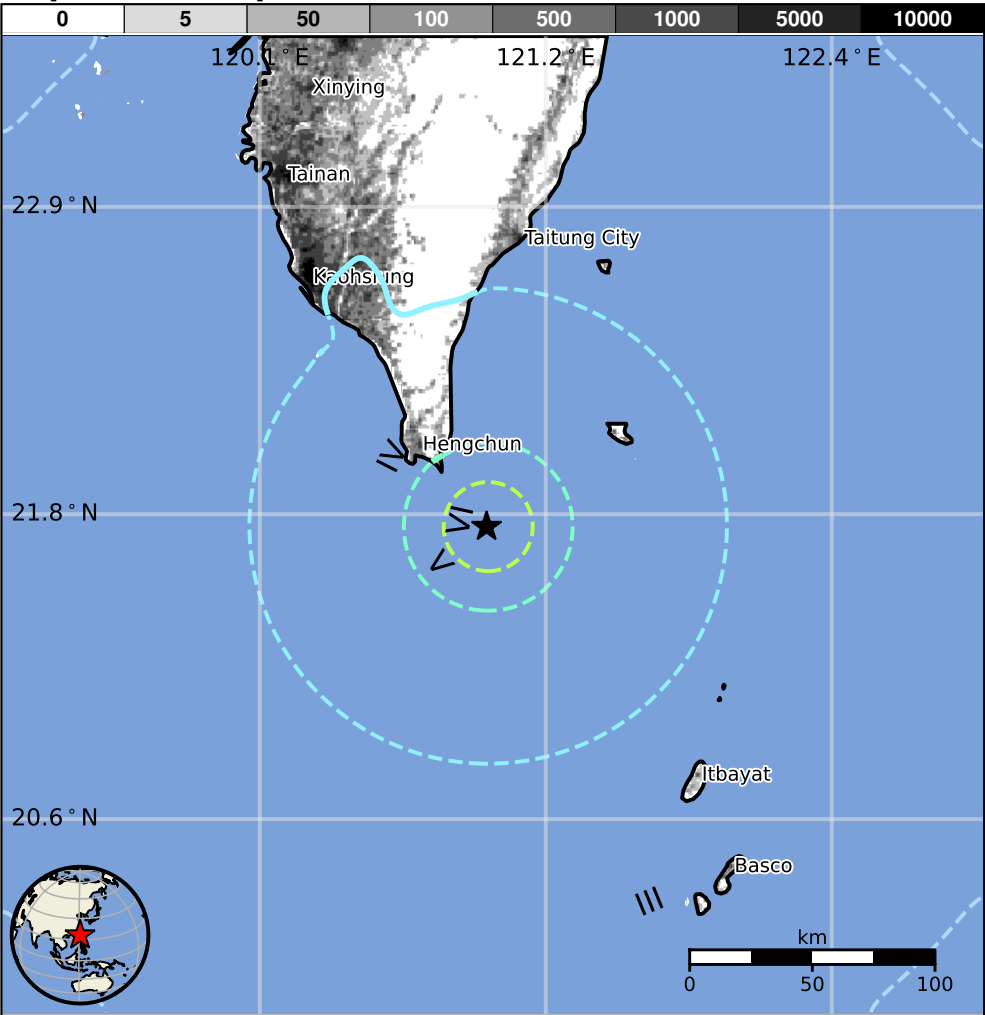


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,411k*	1,953k	3k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1994-09-16	255	6.7	V(2,387k)	5
2000-05-17	273	5.4	VI(3k)	3
1999-09-20	231	7.6	IX(1,778k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	<b>Hengchun</b>	<b>31k</b>
IV	<b>Kaohsiung</b>	<b>1,520k</b>
IV	Fengshan	<1k
IV	Pingtung	<1k
III	Taitung	<1k
III	<b>Taitung City</b>	<b>110k</b>
III	<b>Itbayat</b>	<b>&lt;1k</b>
III	<b>Tainan</b>	<b>771k</b>
III	Yujing	17k
III	<b>Basco</b>	<b>7k</b>
III	Pizitou	5k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.  
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000h0jz#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000h0jz